

00862.002469.1



PATENT

Cofe  
~~st~~

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

TETSUNOBU KOCHI ET AL.

Appln. No.: 10/680,181

Filed: October 8, 2003

For: IMAGE SENSING DEVICE  
USING MOS TYPE IMAGE  
SENSING ELEMENTS

U.S. Patent No.: 6,946,637 B2

Issued: September 20, 2005

) : Examiner: T. Ko

) : Group Art Unit: 2878

) :

) :

) :

) :

) :

) : March 1, 2006

**Certificate**

MAR 07 2006

**of Correction**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323**

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or other character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

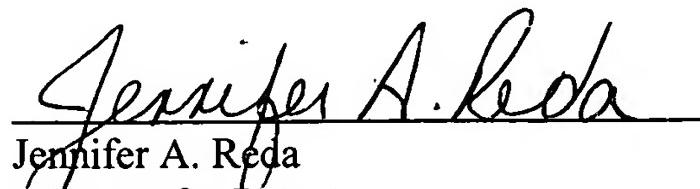
87/031206 67END 11000010716946637

01 FC:1811

100.00 0P

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Jennifer A. Reda  
Attorney for Patentees  
Registration No. 57,840

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

NY\_Main 542051v1

Staple  
Here  
Only!

PRINTER'S TRIM LINE

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : US 6,946,637 B2

DATED : September 20, 2005

INVENTOR(S) : TETSUNOBU KOCHI ET AL.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## ON THE TITLE PAGE [75]:

Inventors, "Tetsunobu Kochi, Kanagawa-ken (JP); Shigetoshi Sugawa, Kanagawa-ken (JP); Isamu Ueno, Kanagawa-ken (JP); Katsuhisa Ogawa, Tokyo (JP); Toru Koizumi, Kanagawa-ken (JP); Katsuhito Sakurai, Tokyo (JP); Hiroki Hiyama, Kanagawa-ken (JP)" should read --Tetsunobu Kochi, Hiratsuka (JP); Shigetoshi Sugawa, Atsugi (JP); Isamu Ueno, Hadano (JP);Katsuhisa Ogawa, Machida (JP); Toru Koizumi, Yokohama (JP); Katsuhito Sakurai, Machida (JP); Hiroki Hiyama, Atsugi (JP)--.

## COLUMN 1:

Line 23, "provide" should read --provides--.

## COLUMN 2:

Line 40, "is" should read --are--.

## COLUMN 8:

Line 7, "V<sub>th1</sub>," should read --V<sub>th1</sub>--.

## COLUMN 11:

Line 55, "denotes are" should read --denote--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

PATENT NO. US 6,946,637 B2

No. of add'l. copies  
@ 30¢ per page



UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Staple  
Here  
Only!

PRINTER'S TRIM LINE

PATENT NO. : US 6,946,637 B2

DATED : September 20, 2005

INVENTOR(S) : TETSUNOBU KOCHI ET AL.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 12:

Line 8, "are" should read --is--; and  
Line 36, "phenomena" should read --phenomenon--.

COLUMN 15:

Line 18, "manner that" should read --manner as that--; and  
Line 23, "that" should read --as that--.

COLUMN 17:

Line 56, "are" should read --is--; and  
Line 57, "photo-charge" should read --photo-charges--.

COLUMN 18:

Line 55, "regist" should read --resist--.

COLUMN 19:

Line 57, "first and" should read --first switch and--; and  
Line 64, "thickness" should read --thicknesses--.

COLUMN 20:

Line 26, "charge" should read --signal charge--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

PATENT NO. US 6,946,637 B2

No. of add'l. copies  
@ 30¢ per page



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Staple  
Here  
Only!

PRINTER'S TRIM LINE

PATENT NO. : US 6,946,637 B2

DATED : September 20, 2005

INVENTOR(S) : TETSUNOBU KOCHI ET AL.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 22:**

Line 4, "transistor," should read --transistors,--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

PATENT NO. US 6,946,637 B2

No. of add'l. copies  
@ 30¢ per page

